



PATENT  
Docket No.: 19603/461 (CRF D-1595A)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

#10/B  
6-26-98  
J.W. Ricigliano

Applicants : Barany et al.

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Serial No. : 08/794,851

JUN 25 1998

Filed : February 4, 1997

MATRIX CUSTOMER  
SERVICE CENTER

For : DETECTION OF NUCLEIC ACID  
SEQUENCE DIFFERENCES USING THE  
LIGASE DETECTION REACTION WITH  
ADDRESSABLE ARRAYS

Examiner:  
J.W. Ricigliano

Art Unit:  
1648

AMENDMENT

Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

In response to the December 16, 1998, office action, please amend the above-identified patent application as follows:

In the Claims:

Please amend claims 44 and 81 as follows:

B 1 sub 3  
44. (Amended) A method according to claim 1, wherein said subjecting achieves a rate of formation of mismatched ligated product sequences for a particular oligonucleotide probe set which is less than .005 of the rate of formation of matched ligated product sequences for the particular oligonucleotide probe set.

B 2 sub 8  
81. (Amended) A method according to claim 80, wherein each capture oligonucleotide differs from its adjacent capture oligonucleotide on the array by at least 25% of the nucleotides when the oligonucleotides are aligned with one another without internal insertion or deletion.